

Multifunctional, air-conditioning and antistaling cold storage cabinet

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Abstract of **CN 1238445 (A)**

An antistaling cold storage cabinet with such functions of refrigeration, cold storage, air conditioning and oxygen generation is composed of refrigerating system, sterilizing system, air-conditioningsystem and computer system. By means of the oil remover, water remover, drier, magnetic variator, pressure variator, separator and humidifier in air-conditioning system and under the control of computer according to a certain technology, air is decomposed into wet N₂, dry N₂, O₂ and CO₂ gases, which are stored. Under the control of computer, they are proportionally added into the antistaling cabinet based on antistaling requirement to obtain longer antistaling period of vegetable and fruit (1-3 months) while sterilizing them. The stored O₂ can be used to condition indoor air or for medical purpose.

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